

# KV-6000BE

## AC-133E

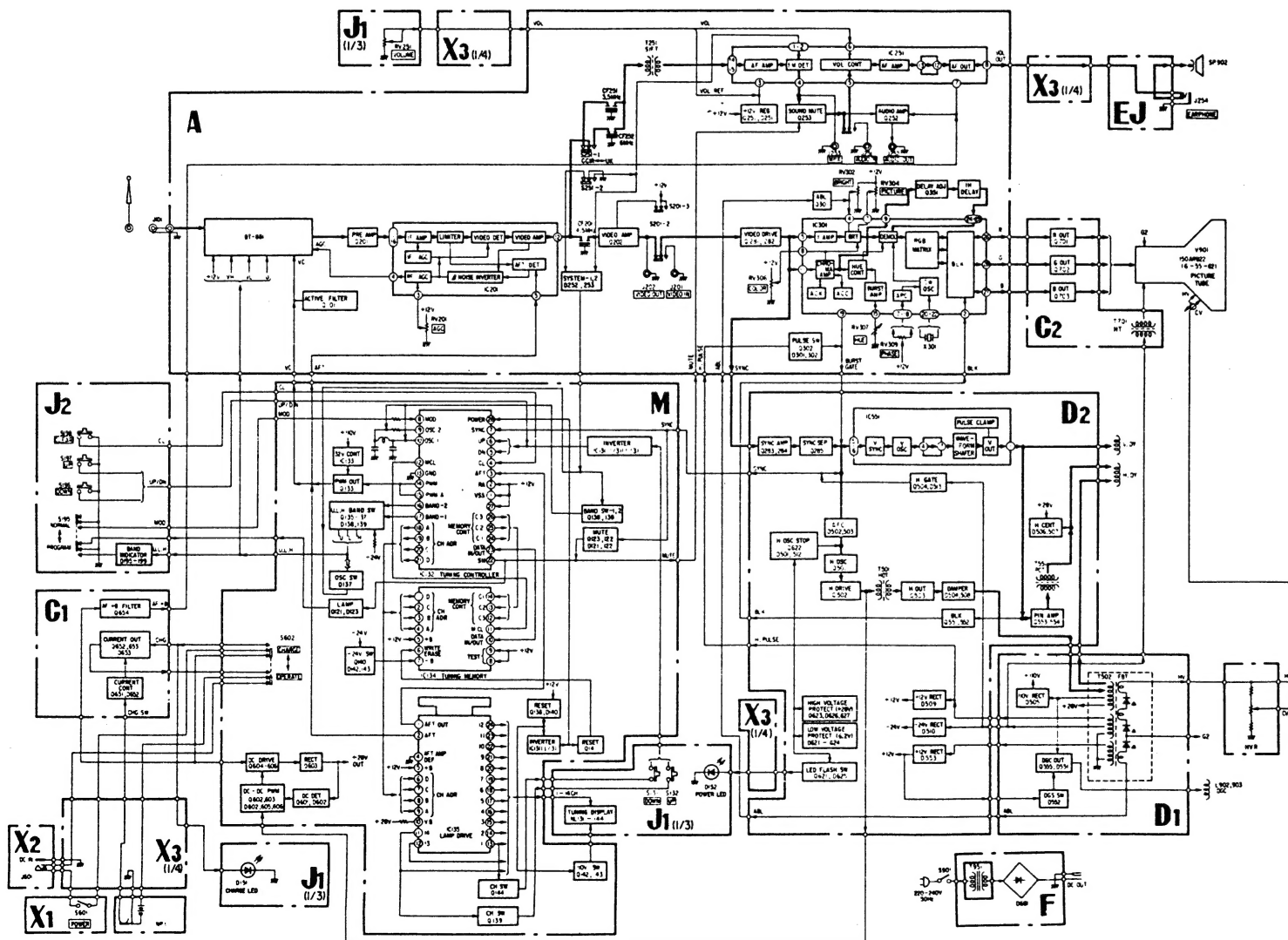
**UK Model** **AEP Model**  
Chassis No. SCC-449A-A Chassis No. SCC-448A-A

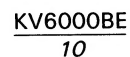
### SPECIFICATIONS

|                   |  |
|-------------------|--|
| Television system | U.K.: British TV standards<br>Republic of Ireland: Irish TV standards<br>Western Europe: CCIR system B, G and H                                |
| Colour system     | PAL  |
| Channel coverage  | U.K.: UHF channels B21-68<br>Republic of Ireland: VHF channels A-C<br>D-J<br>Western Europe: VHF channels E2-4<br>E5-12<br>UHF channels E21-68 |
| Picture tube      | Approx. 14.8 cm (6 inches),<br>55-degree deflection Trinitron system<br>(Approx. 13.0 cm screen measured diagonally)                           |
| Aerial            | Telescopic aerial for VHF and UHF<br>75-ohm standard aerial socket for VHF and UHF   |
| Speaker           | Approx. 7.7 cm (3 inches) dia.   |
| Inputs/outputs    |  |

| Connector                 | Signal level | Remarks   |
|---------------------------|--------------|---|
| VIDEO IN (BNC connector)  | 1 V (p-p)    | 75 ohms unbalanced sync negative                          |
| VIDEO OUT (BNC connector) |              |   |
| AUDIO IN (phono jack)     | -5 dBs       | input impedance 47 kilohms                                |
| AUDIO OUT (phono jack)    | -0.5 dBs     | output impedance 5 kilohms                                |
| Earphone (minijack)       |              | for 8-ohm earphone or load impedance 10 kilohms or higher |

|                      |  |
|----------------------|--|
| Power requirements   | 220-240 V ac, 50 Hz with supplied AC-133 ac power adaptor<br>12 V dc, with optional Sony NP-1 battery pack<br>12/24 V car battery with optional Sony DCC-16AE car battery cord |
| Power consumption    | 27 W ac with AC-133 ac power adaptor<br>18 W dc (in 12-24 V operation)   |
| Dimensions           | Approx. 190 x 153 x 298 mm<br>(7 1/2 x 6 1/8 x 11 3/4 inches)<br>incl. projecting parts and controls   |
| Weight               | Approx. 3.9 kg (8 lb 10 oz)<br>excl. AC-133, accessories and batteries   |
| Accessories supplied | AC power adaptor AC-133 (1)<br>Earphone (1)  |
| Optional accessories | Battery pack NP-1<br>Car battery cord DCC-16AE<br>AC power adaptor for charging the battery pack AC-F1E, AC-F1UB<br>Car battery charger CBC-330<br>Car aerial VCA-3E, VCA-4E   |

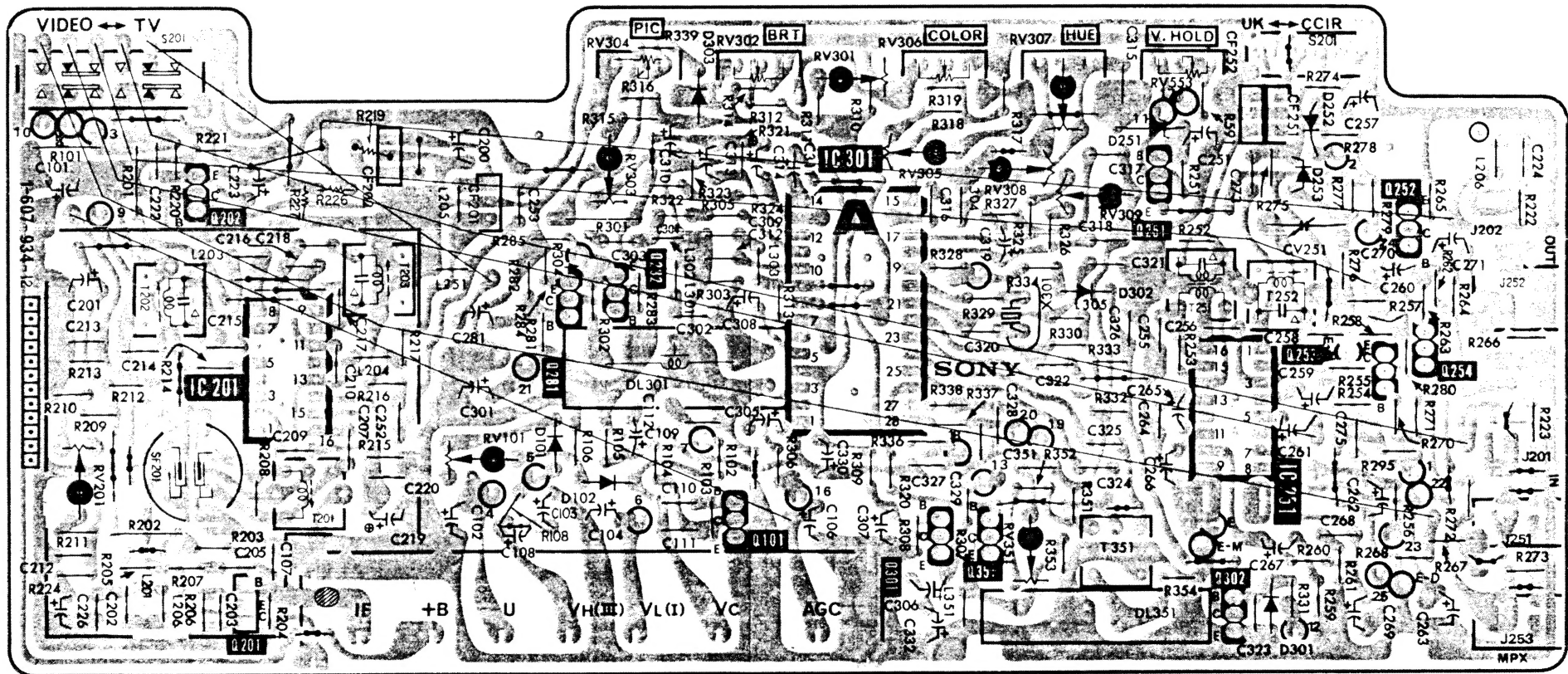




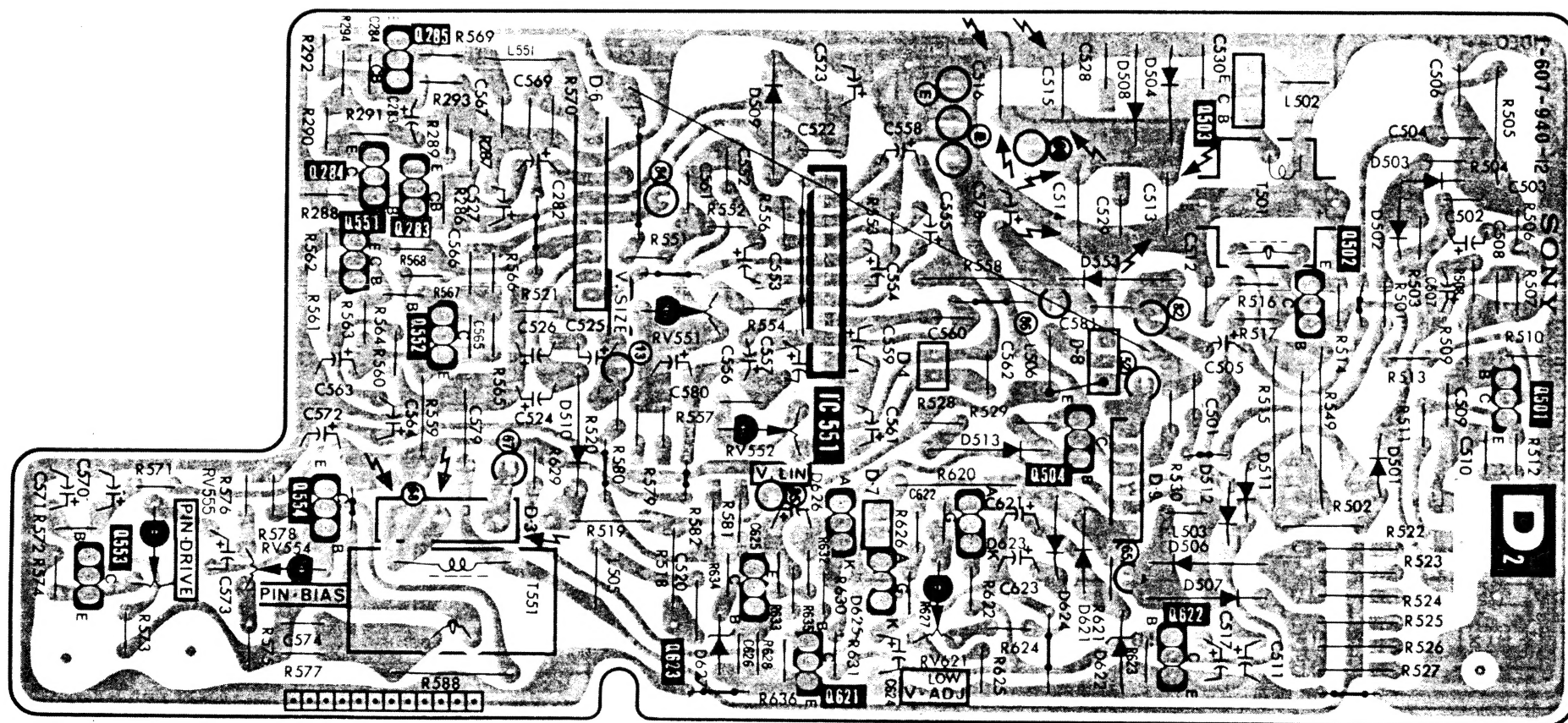


— A Board —

|     |       |             |          |       |       |             |     |
|-----|-------|-------------|----------|-------|-------|-------------|-----|
| IC  | 202   | IC201       | 281, 282 | IC301 | 251   | 252         | IC  |
| Q   | 201   |             | 303      | 301   | IC251 | 253 254     | Q   |
| D   |       |             |          |       | 302   | 301         | D   |
| ADJ | RV201 | RV303 RV304 | RV302    | RV301 | RV306 | RV307 RV309 | ADJ |
|     |       |             |          | RV305 | RV308 | RV553       |     |

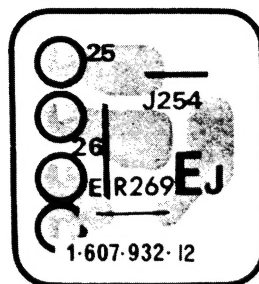




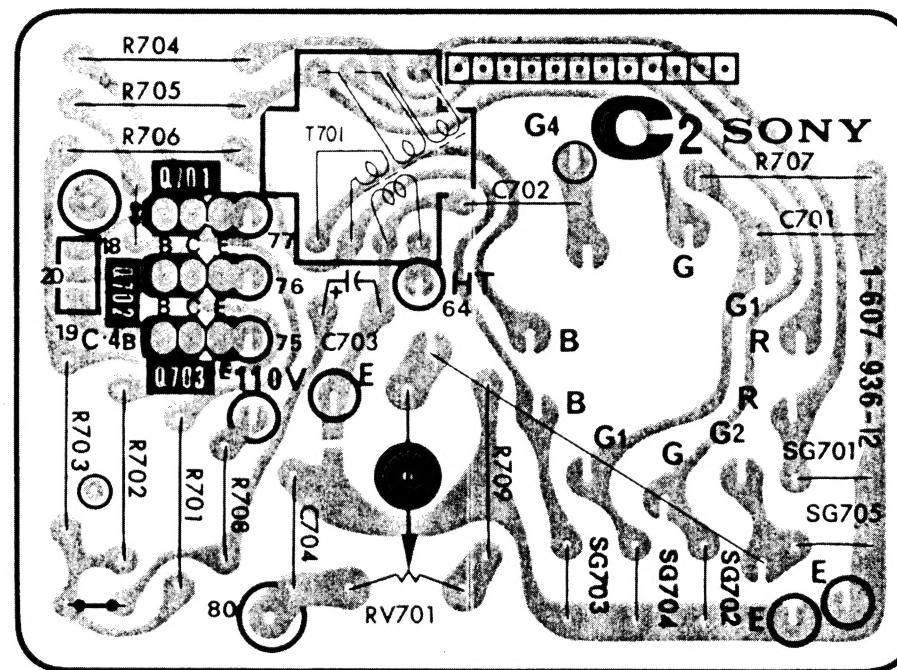
[illegible]



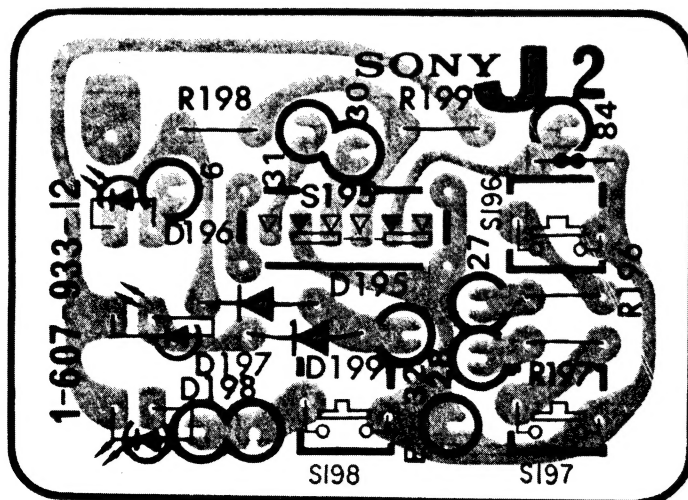
— EJ Board —



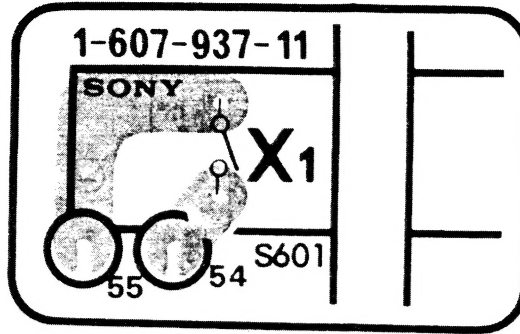
— C2 Board —



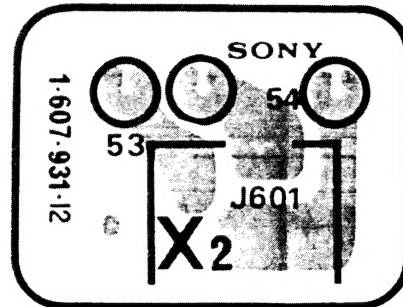
— J2 Board —



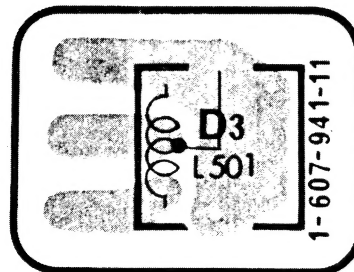
— X1 Board —



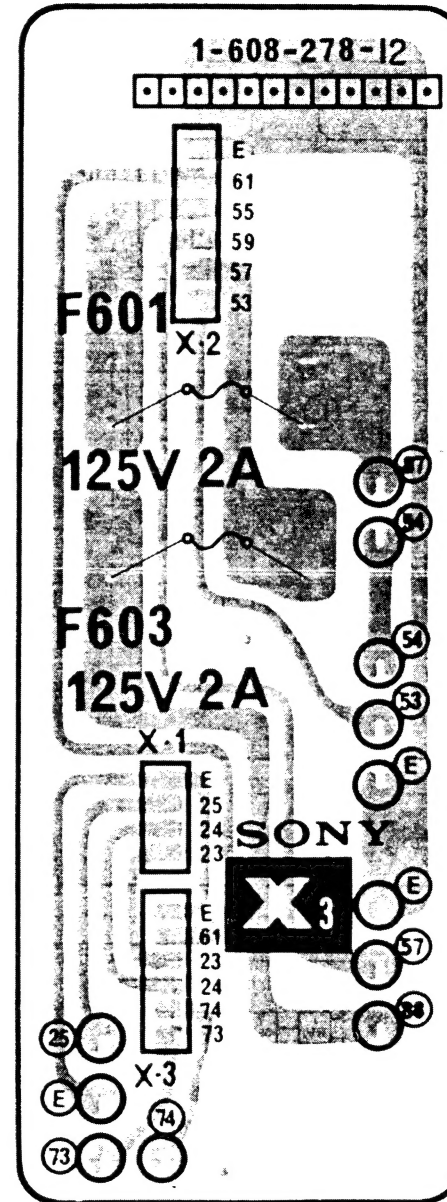
— X2 Board —



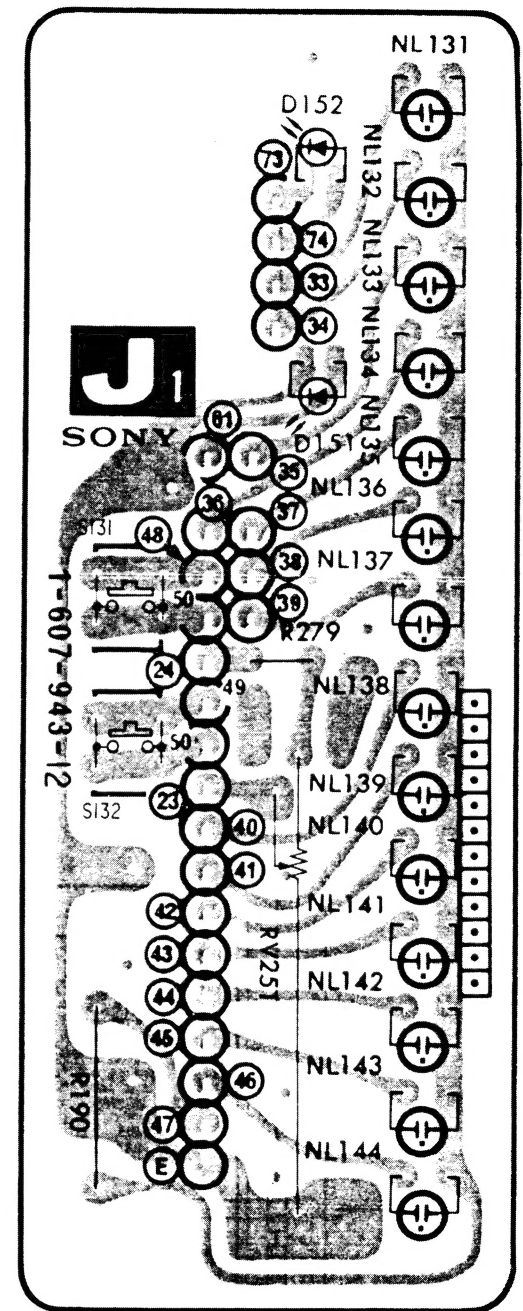
— D3 Board —



— X3 Board —



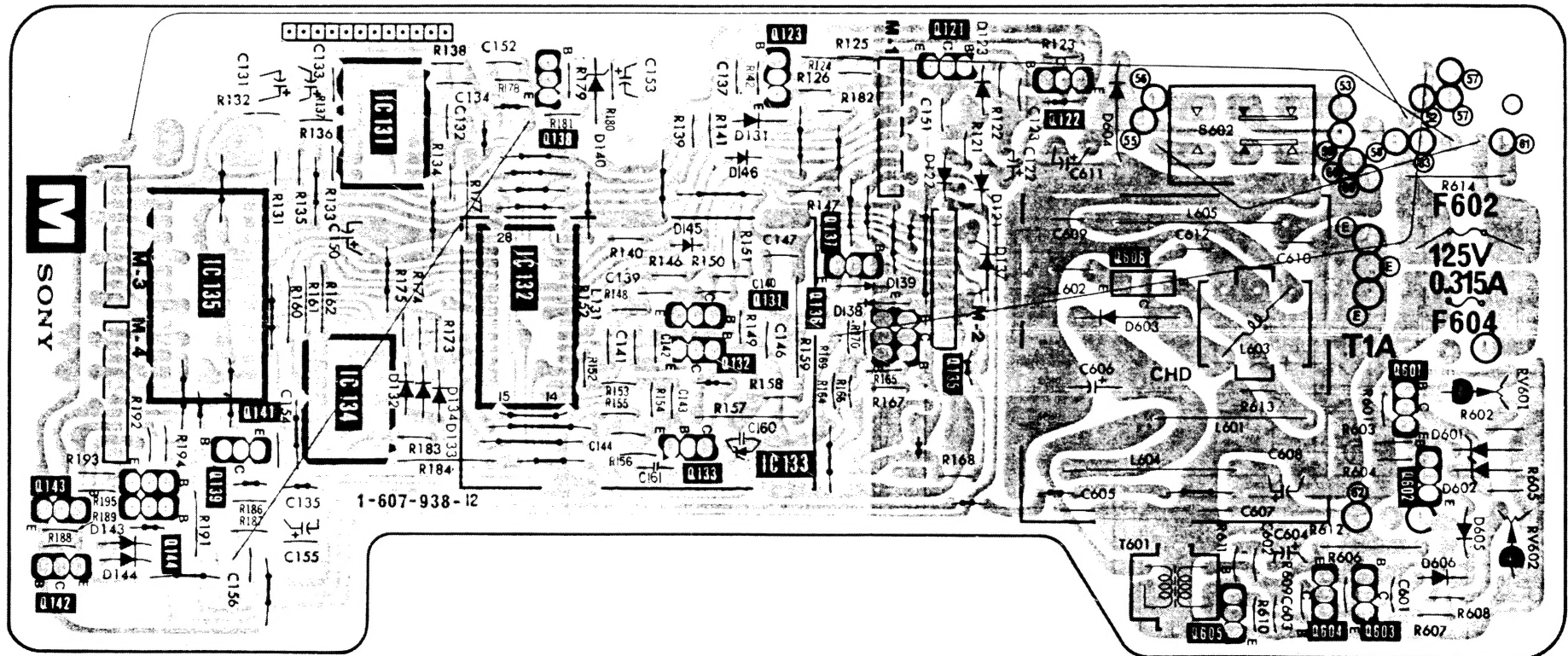
— J1 Board —





— M Board —

|         |            |            |       |     |       |                 |              |     |            |                   |     |            |           |            |                |     |
|---------|------------|------------|-------|-----|-------|-----------------|--------------|-----|------------|-------------------|-----|------------|-----------|------------|----------------|-----|
| Q<br>IC | I43<br>I42 | I39<br>I44 | IC135 | I41 | IC134 | IC131           | IC132<br>I38 | I33 | IC133      | I37<br>I36<br>I35 | 606 | 605        | 604 , 603 | 601<br>602 | Q<br>IC        |     |
| D       | I43<br>I44 |            |       |     |       | I32 , I33 , I34 | I40          | I45 | I31<br>I46 | I38               | I39 | 604<br>603 |           | 605<br>606 | 601<br>602     | D   |
| ADJ     |            |            |       |     |       |                 |              |     |            |                   |     |            |           |            | RV601<br>RV602 | ADJ |



## EXPLODED VIEWS

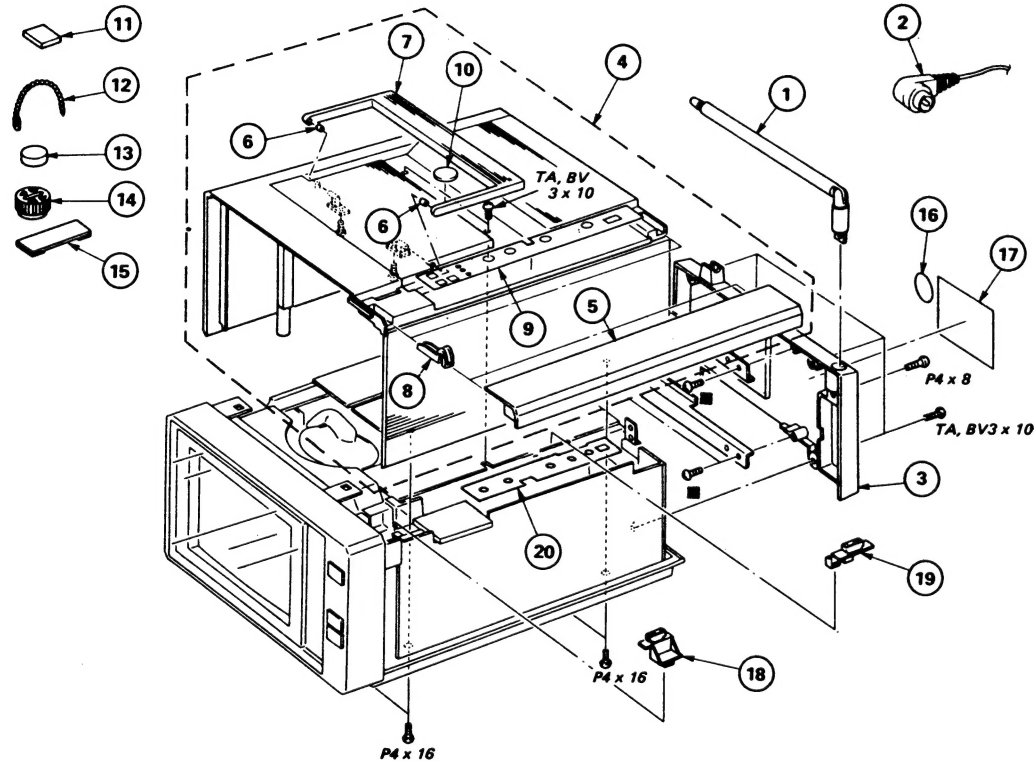
### NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

- Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

### 1. CABINET

■: TA, BV3 x 8

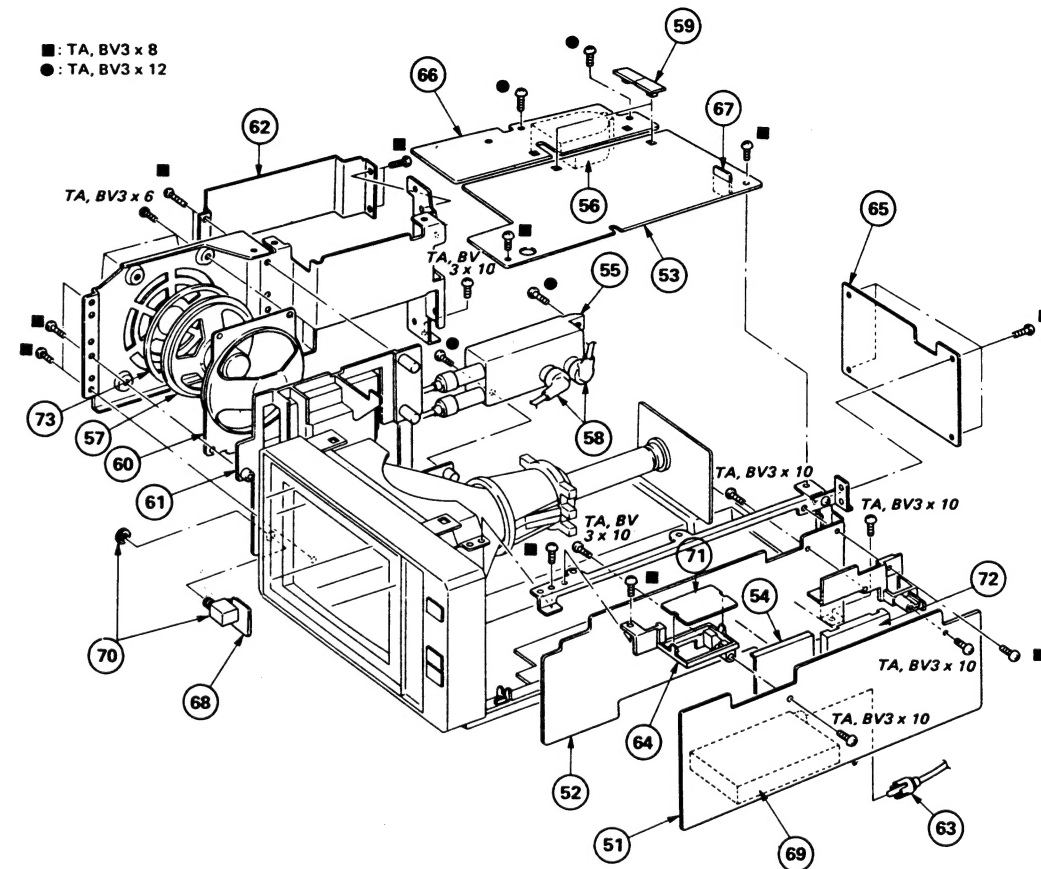


| No. | Part No      | Description          | Remark       | No. | Part No      | Description                    | Remark |
|-----|--------------|----------------------|--------------|-----|--------------|--------------------------------|--------|
| 1   | 1-501-268-00 | ANTENNA, TELESCOPIC  |              | 11  | 1-452-126-11 | MAGNET                         |        |
| 2   | 1-556-565-00 | CABLE (PAL-PIN)      |              | 12  | 4-308-870-00 | CLIP, LEAD WIRE                |        |
| 3   | 4-361-436-11 | COVER, REAR          |              | 13  | 1-452-032-00 | MAGNET, DISK                   |        |
| 4   | X-4362-502-0 | CABINET ASSY         | 5,6,7,8,9,10 | 14  | 1-452-094-00 | MAGNET, ROTATABLE DISK; 15MM Ø |        |
| 5   | X-4361-408-0 | LID ASSY, ADJUSTMENT |              | 15  | X-4309-608-0 | PERMALLOY ASSY, CONVERGENCE    |        |
| 6   | 4-361-410-00 | SPACER, HANDLE       |              | 16  | 3-701-940-01 | LABEL, BEAB                    |        |
| 7   | 4-361-428-00 | HANDLE               |              | 17  | 4-362-504-00 | LABEL, MODEL NUMBER            |        |
| 8   | 4-361-469-00 | ARM, LID, ADJUSTMENT |              | 18  | 4-361-412-00 | KNOB (A), SLIDE SWITCH         |        |
| 9   | 4-362-505-00 | LABEL, CONTROL       |              | 19  | 4-361-413-00 | KNOB (B), SLIDE SWITCH         |        |
| 10  | 9-911-840-XX | SPACER, SIDE         |              | 20  | 4-361-487-01 | SHEET, VR                      |        |

KV6000BE

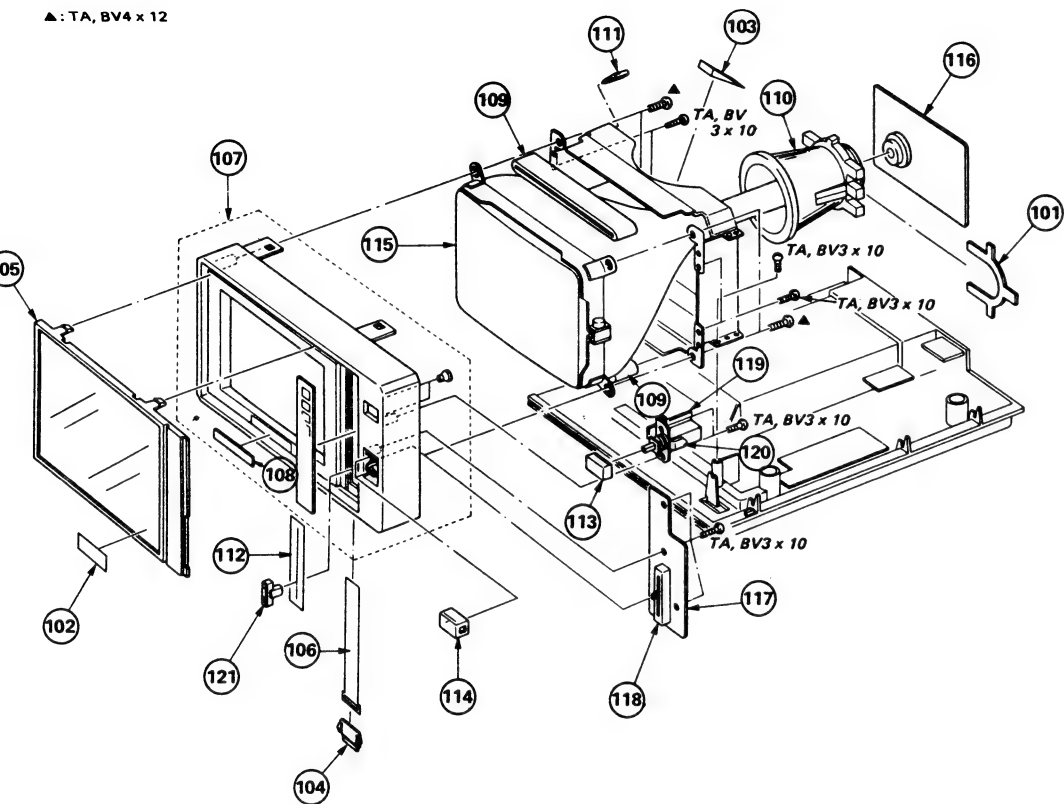
### 2. CHASSIS

■: TA, BV3 x 8  
●: TA, BV3 x 12



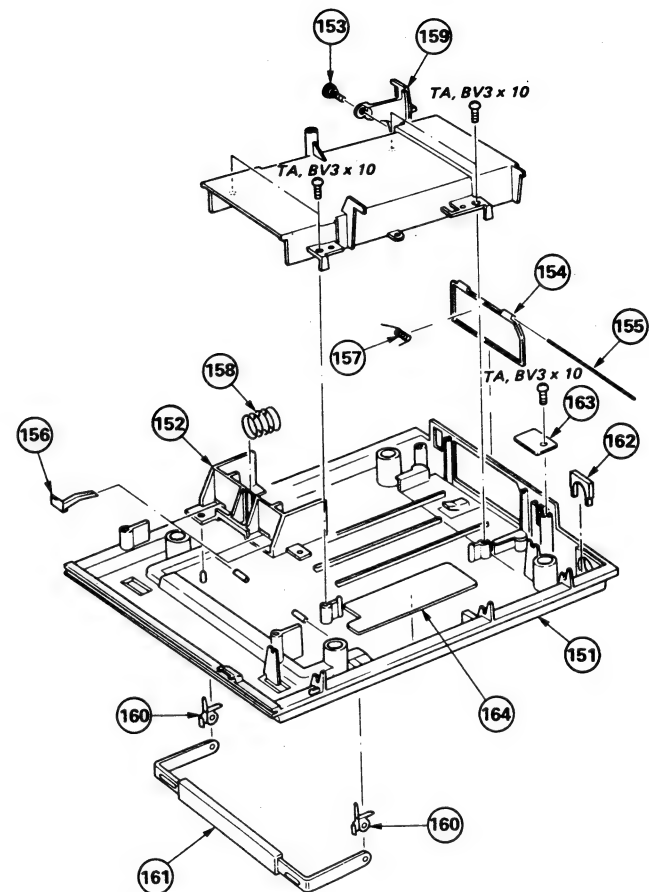
| No. | Part No        | Description                             | Remark | No. | Part No        | Description                              | Remark |
|-----|----------------|---|--------|-----|----------------|--|--------|
| 51  | 4-A-1295-638-A | A BOARD, COMPLETE                       | 69     | 63  | 4-344-292-00   | SPACER                                   |        |
| 52  | 4-A-1301-419-A | M BOARD, COMPLETE                       |        | 64  | 4-361-402-00   | BRACKET, J2 PC BOARD                     |        |
| 53  | 4-A-1340-491-A | D2 BOARD, COMPLETE                      |        | 65  | 4-1-607-935-00 | C1 BOARD                                 |        |
| 54  | 4-361-442-00   | LID, BOTTOM, SHIELD CASE, (M) (UK ONLY) |        | 66  | 4-1-607-939-00 | D1 BOARD                                 |        |
| 55  | 4-1-228-776-00 | RESISTOR ASSY, HIGH-VOLTAGE             |        | 67  | 4-1-607-941-00 | D3 BOARD                                 |        |
| 56  | 4-1-439-299-00 | TRANSFORMER ASSY, FLYBACK               |        | 68  | 4-1-607-932-00 | EJ BOARD                                 |        |
| 57  | 1-502-703-00   | SPEAKER                                 |        | 69  | 4-1-463-350-31 | TUNER, ET (BT-881)                       |        |
| 58  | 3-705-769-00   | CAP, RUBBER                             |        | 70  | 1-507-567-00   | JACK, EARPHONE                           |        |
| 59  | 4-313-732-00   | CLIP, HINGE, CIRCUIT BOARD              |        | 71  | 4-1-607-933-00 | J2 BOARD                                 |        |
| 60  | 4-344-240-00   | BRACKET, SPEAKER                        |        | 72  | 4-361-438-00   | LID, BOTTOM, SHIELD CASE, POWER(UK ONLY) |        |
| 61  | 4-361-445-00   | CLAMP, LEAD, H.V                        |        | 73  |                |  |        |
| 62  | 4-361-455-00   | PLATE, SHIELD                           |        |     |                |  |        |

▲: TA, BV4 x 12



| No. | Part No      | Description              | Remark | No.          | Part No         | Description                 | Remark |
|-----|--------------|--------------------------|--------|--------------|-----------------|-----------------------------|--------|
| 101 | 1-452-192-00 | MAGNET, CORRECT BMC      |        | 112          | 4-344-748-00    | BLIND, CONTROL              |        |
| 102 | 3-701-690-00 | LABEL                    |        | 113          | 4-361-403-00    | PUSH BUTTON (A)             |        |
| 103 | 4-309-369-00 | SPACER, DEFLECTION YOKE  |        | 114          | 4-361-404-00    | PUSH BUTTON (B)             |        |
| 104 | 4-361-401-00 | LID, INDICATOR           |        | 115          | 8-736-201-05    | CRT 150ARB22                |        |
| 105 | 4-361-426-00 | FILTER                   |        | 116          | 1-607-936-00    | C2 BOARD                    |        |
| 106 | 4-362-503-00 | INDICATOR                |        | 117          | 1-607-943-00    | J1 BOARD                    |        |
| 107 | X-4362-503-0 | BEZEL ASSY               | 108    | 1-228-350-00 | RES, VAR, SLIDE | 20K                         |        |
| 108 | 3-703-352-00 | EMBLEM, SONY             |        | 119          | 1-607-937-00    | X1 BOARD                    |        |
| 109 | 1-426-023-21 | COIL, DEGAUSS            |        | 120          | 1-554-253-00    | SWITCH, PUSH (POWER SWITCH) |        |
| 110 | 1-451-177-21 | DEFLECTION YOKE (SY-59E) |        | 121          | 4-361-405-00    | KNOB, SLIDE                 |        |
| 111 | 4-335-308-00 | RETAINER, AC CORD        |        |              |                 |                             |        |

#### 4. CABINET (LOWER)



| No. | Part No        | Description          | Remark  | No. | Part No      | Description           | Remark |
|-----|----------------|----------------------|---|-----|--------------|-----------------------|--------|
| 151 | X-4362-501-0   | CABINET (LOWER) ASSY | 152,153,154,155<br>156,157,158,159<br>160,161 | 157 | 3-669-592-00 | SPRING (A), TORSION   |        |
|     |                |                      |   | 158 | 3-669-594-00 | SPRING, COMPRESSION   |        |
|     |                |                      |   | 159 | 4-361-415-00 | LEVER (B), RELEASE    |        |
| 152 | 4-2-291-529-00 | HOLDER, BATTERY      |   | 160 | 4-361-418-00 | REINFORCEMENT, STAND  |        |
| 153 | 3-486-138-00   | SCREW                |   | 161 | 4-361-427-00 | STAND                 |        |
| 154 | 3-669-517-91   | LID, BATTERY CASE    |   | 162 | 4-362-502-00 | HOLDER, JACK, ANTENNA |        |
| 155 | 4-3-669-521-00 | SHAFT (B)            |   | 163 | 1-607-931-00 | X2 BOARD              |        |
| 156 | 4-3-669-526-00 | TERMINAL             |   | 164 | 1-608-278-00 | X3 BOARD              |        |

## ELECTRICAL PARTS LIST

When indicating parts by reference number, please include the board name.

\* ->: Due to standardization, interchangeable replacements may be substituted for parts specified in the diagrams.

\* Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

\* All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

## CAPACITORS

\* MF :  $\mu$ F, PF :  $\mu$ F

## RESISTORS

\* All resistors are in ohms  
\* F : nonflammable

## COILS

\* MMH : mH, UH :  $\mu$ H

| Ref.No    | Part No        | Description                  | Remark |
|-----------|----------------|------------------------------|--------|
| A:        | A-1295-638-A   | A BOARD, COMPLETE<br>*****   |        |
| A:        | 1-463-350-31   | TUNER, ET (BT-881)           |        |
|           | 1-536-761-00   | TERMINAL BOARD, INPUT/OUTPUT |        |
|           | 1-3-847-723-00 | PIN, LEAD                    |        |
|           | 1-4-336-029-00 | PLATE, SHIELD                |        |
|           | 1-4-361-439-00 | LID, UPPER, SHIELD CASE, VIF |        |
|           | 1-4-361-444-00 | CASE (MAIN), SHIELD, VIF     |        |
| CONNECTOR |                |                              |        |
| C1        | 1-1-555-925-00 | CONNECTOR ASSY (2.0MM) 3P    |        |
| C4        | 1-1-555-926-00 | CONNECTOR ASSY (2.0MM) 3P    |        |
| CAPACITOR |                |                              |        |
| C101      | 1-123-332-00   | ELECT 47MF 20% 16V           |        |
| C102      | 1-123-332-00   | ELECT 47MF 20% 16V           |        |
| C103      | 1-123-651-00   | ELECT 0.22MF 20% 50V         |        |
| C104      | 1-123-332-00   | ELECT 47MF 20% 16V           |        |
| C106      | 1-123-328-00   | ELECT 4.7MF 20% 25V          |        |
| C110      | 1-108-385-00   | MYLAR 0.047MF 10% 100V       |        |
| C111      | 1-130-526-51   | MYLAR 0.068MF 10% 50V        |        |
| C112      | 1-123-318-00   | ELECT 33MF 20% 16V           |        |
| C200      | 1-123-333-00   | ELECT 100MF 20% 16V          |        |
| C201      | 1-123-321-00   | ELECT 220MF 20% 16V          |        |
| C202      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C203      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C205      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C207      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C209      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C210      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C212      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C213      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C214      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C215      | 1-102-514-00   | CERAMIC 22PF 5% 50V          |        |
| C216      | 1-102-936-00   | CERAMIC 3PF 0.25PF 50V       |        |
| C217      | 1-102-936-00   | CERAMIC 3PF 0.25PF 50V       |        |
| C218      | 1-102-508-00   | CERAMIC 10PF 0.5PF 50V       |        |
| C219      | 1-131-345-00   | TANTALUM 0.47MF 10% 35V      |        |
| C220      | 1-102-125-00   | CERAMIC 0.0047MF 10% 50V     |        |
| C222      | 1-102-978-00   | CERAMIC 220PF 5% 50V         |        |
| C223      | 1-123-298-00   | ELECT 470MF 20% 6.3V         |        |
| C224      | 1-102-816-00   | CERAMIC 120PF 5% 50V         |        |
| C251      | 1-123-318-00   | ELECT 33MF 20% 16V           |        |
| C252      | 1-102-953-00   | CERAMIC 18PF 5% 50V          |        |
| C253      | 1-102-953-00   | CERAMIC 18PF 5% 50V          |        |
| C255      | 1-101-004-00   | CERAMIC 0.01MF 50V           |        |
| C256      | 1-101-004-00   | CERAMIC 0.01MF 50V           |        |
| C257      | 1-123-318-00   | ELECT 33MF 20% 16V           |        |
| C258      | 1-102-666-00   | CERAMIC 12PF 5% 50V          |        |
| C259      | 1-123-380-00   | ELECT 1MF 20% 50V            |        |
| C260      | 1-108-385-00   | MYLAR 0.047MF 10% 100V       |        |
| C261      | 1-123-380-00   | ELECT 1MF 20% 50V            |        |

| Ref.No  | Part No      | Description             | Remark |
|---------|--------------|-------------------------|--------|
| C262    | 1-123-356-00 | ELECT 10MF 20% 16V      |        |
| C263    | 1-123-321-00 | ELECT 220MF 20% 16V     |        |
| C264    | 1-161-055-00 | CERAMIC 0.022MF 10% 50V |        |
| C265    | 1-123-380-00 | ELECT 1MF 20% 50V       |        |
| C266    | 1-123-382-00 | ELECT 3.3MF 20% 50V     |        |
| C267    | 1-123-318-00 | ELECT 33MF 20% 16V      |        |
| C268    | 1-108-385-00 | MYLAR 0.047MF 10% 100V  |        |
| C269    | 1-123-321-00 | ELECT 220MF 20% 16V     |        |
| C270    | 1-123-382-00 | ELECT 3.3MF 20% 50V     |        |
| C271    | 1-123-382-00 | ELECT 3.3MF 20% 50V     |        |
| C273    | 1-101-004-00 | CERAMIC 0.01MF 50V      |        |
| C275    | 1-101-004-00 | CERAMIC 0.01MF 50V      |        |
| C281    | 1-123-298-00 | ELECT 470MF 20% 6.3V    |        |
| C301    | 1-123-321-00 | ELECT 220MF 20% 16V     |        |
| C302    | 1-102-961-00 | CERAMIC 27PF 5% 50V     |        |
| C303    | 1-102-965-00 | CERAMIC 39PF 5% 50V     |        |
| C304    | 1-102-947-00 | CERAMIC 10PF 5% 50V     |        |
| C305    | 1-123-328-00 | ELECT 4.7MF 20% 25V     |        |
| C306    | 1-123-380-00 | ELECT 1MF 20% 50V       |        |
| C307    | 1-123-382-00 | ELECT 3.3MF 20% 50V     |        |
| C308    | 1-123-356-00 | ELECT 10MF 20% 16V      |        |
| C309    | 1-101-880-00 | CERAMIC 47PF 5% 50V     |        |
| C310    | 1-123-380-00 | ELECT 1MF 20% 50V       |        |
| C311    | 1-123-382-00 | ELECT 3.3MF 20% 50V     |        |
| C312    | 1-101-004-00 | CERAMIC 0.01MF 50V      |        |
| C313    | 1-123-380-00 | ELECT 1MF 20% 50V       |        |
| C314    | 1-131-341-00 | TANTALUM 0.1MF 10% 35V  |        |
| C315    | 1-102-527-00 | CERAMIC 82PF 5% 50V     |        |
| C316    | 1-101-004-00 | CERAMIC 0.01MF 50V      |        |
| C317    | 1-101-006-00 | CERAMIC 0.047MF 50V     |        |
| C318    | 1-101-006-00 | CERAMIC 0.047MF 50V     |        |
| C319    | 1-123-330-00 | ELECT 22MF 20% 16V      |        |
| C320    | 1-102-852-00 | CERAMIC 47PF 5% 50V     |        |
| C321    | 1-102-852-00 | CERAMIC 47PF 5% 50V     |        |
| C322    | 1-102-513-00 | CERAMIC 18PF 5% 50V     |        |
| C324    | 1-101-004-00 | CERAMIC 0.01MF 50V      |        |
| C325    | 1-101-004-00 | CERAMIC 0.01MF 50V      |        |
| C327    | 1-101-880-00 | CERAMIC 47PF 5% 50V     |        |
| C328    | 1-101-880-00 | CERAMIC 47PF 5% 50V     |        |
| C329    | 1-101-880-00 | CERAMIC 47PF 5% 50V     |        |
| C330    | 1-123-328-00 | ELECT 4.7MF 20% 25V     |        |
| C332    | 1-123-380-00 | ELECT 1MF 20% 50V       |        |
| C333    | 1-102-074-00 | CERAMIC 0.001MF 10% 50V |        |
| C351    | 1-101-004-00 | CERAMIC 0.01MF 50V      |        |
| FILTER  |              |                         |        |
| CF201   | 1-404-134-00 | TRAP, CERAMIC (5.5MHZ)  |        |
| CF202   | 1-409-333-00 | TRAP, CERAMIC (6.0MHZ)  |        |
| CF251   | 1-527-263-00 | CERAMIC FILTER (5.5MHZ) |        |
| CF252   | 1-527-262-00 | CERAMIC FILTER (6.0MHZ) |        |
| TRIMMER |              |                         |        |
| CV251   | 1-141-181-11 | CAP, TRIMMER            |        |

| Ref.No     | Part No        | Description                   | Remark |
|------------|----------------|-------------------------------|--------|
| CONNECTOR  |                |                               |        |
| D6         | 1-1-555-955-00 | CONNECTOR ASSY (2.5MM) 9P     |        |
| DIODE      |                |                               |        |
| D251       | 8-719-101-82   | DIODE RD12E-11                |        |
| D252       | 8-719-911-19   | DIODE 1SS119                  |        |
| D253       | 8-719-000-01   | DIODE MC103A                  |        |
| D301       | 8-719-911-19   | DIODE 1SS119                  |        |
| D302       | 8-719-911-19   | DIODE 1SS119                  |        |
| D303       | 8-719-911-19   | DIODE 1SS119                  |        |
| DELAY LINE |                |                               |        |
| DL301      | 1-415-274-00   | DELAY LINE, Y                 |        |
| DL351      | 1-415-122-31   | DELAY LINE                    |        |
| IC         |                |                               |        |
| IC201      | 8-759-276-07   | IC TA7607AP                   |        |
| IC251      | 8-759-400-01   | IC AN5250                     |        |
| IC301      | 8-759-113-65   | IC UPC1365C                   |        |
| COIL       |                |                               |        |
| L201       | 1-408-397-00   | MICRO INDUCTOR 1UH            |        |
| L202       | 1-408-397-00   | MICRO INDUCTOR 1UH            |        |
| L203       | 1-408-406-00   | MICRO INDUCTOR 5.6UH          |        |
| L204       | 1-408-397-00   | MICRO INDUCTOR 1UH            |        |
| L205       | 1-408-411-00   | MICRO INDUCTOR 15UH           |        |
| L206       | 1-408-408-00   | MICRO INDUCTOR 8.2UH          |        |
| L208       | 1-408-411-00   | MICRO INDUCTOR 15UH           |        |
| L251       | 1-408-412-00   | MICRO INDUCTOR 18UH           |        |
| L301       | 1-408-417-00   | MICRO INDUCTOR 47UH           |        |
| L302       | 1-408-414-00   | MICRO INDUCTOR 27UH           |        |
| L303       | 1-408-417-00   | MICRO INDUCTOR 47UH           |        |
| L304       | 1-408-419-00   | MICRO INDUCTOR 68UH           |        |
| L305       | 1-408-409-00   | MICRO INDUCTOR 10UH           |        |
| L306       | 1-421-013-00   | COIL, (HORIZONTAL CHOKE) 25MH |        |
| L351       | 1-408-410-00   | MICRO INDUCTOR 12UH           |        |
| CONNECTOR  |                |                               |        |
| M2         | 1-1-555-909-00 | CONNECTOR ASSY (2.0MM) 10P    |        |
| TRANSISTOR |                |                               |        |
| Q101       | 8-729-178-54   | TRANSISTOR 2SC2785            |        |
| Q201       | 8-765-300-00   | TRANSISTOR 2SC2009            |        |
| Q202       | 8-729-117-54   | TRANSISTOR 2SA1175            |        |
| Q251       | 8-729-178-54   | TRANSISTOR 2SC2785            |        |
| Q252       | 8-729-178-54   | TRANSISTOR 2SC2785            |        |
| Q253       | 8-729-178-54   | TRANSISTOR 2SC2785            |        |
| Q254       | 8-729-178-54   | TRANSISTOR 2SC2785            |        |
| Q281       | 8-729-178-54   | TRANSISTOR 2SC2785            |        |
| Q282       | 8-729-178-54   | TRANSISTOR 2SC2785            |        |
| Q301       | 8-729-178-54   | TRANSISTOR 2SC2785            |        |
| RESISTOR   |                |                               |        |
| R101       | 1-212-855-00   | FUSIBLE 8.2 5% 1/4W F         |        |
| R102       | 1-247-867-00   | CARBON 33K 5% 1/6W            |        |
| R103       | 1-247-891-00   | CARBON 330K 5% 1/6W           |        |
| R104       | 1-247-839-00   | CARBON 2.2K 5% 1/6W           |        |
| R105       | 1-247-823-00   | CARBON 470 5% 1/6W            |        |
| R108       | 1-212-863-00   | FUSIBLE 18 5% 1/4W F          |        |
| R201       | 1-212-853-00   | FUSIBLE 6.8 5% 1/4W F         |        |
| R202       | 1-246-457-00   | CARBON 220 5% 1/4W            |        |
| R203       | 1-247-849-00   | CARBON 5.6K 5% 1/6W           |        |
| R204       | 1-247-831-00   | CARBON 1K 5% 1/6W             |        |
| R205       | 1-247-823-00   | CARBON 470 5% 1/6W            |        |
| R206       | 1-247-805-00   | CARBON 82 5% 1/6W             |        |
| R207       | 1-247-823-00   | CARBON 470 5% 1/6W            |        |
| R208       | 1-247-843-00   | CARBON 3.3K 5% 1/6W           |        |
| R209       | 1-247-841-00   | CARBON 2.7K 5% 1/6W           |        |
| R210       | 1-247-835-00   | CARBON 1.5K 5% 1/6W           |        |
| R211       | 1-247-839-00   | CARBON 2.2K 5% 1/6W           |        |
| R212       | 1-247-867-00   | CARBON 33K 5% 1/6W            |        |
| R213       | 1-247-877-00   | CARBON 82K 5% 1/6W            |        |
| R214       | 1-247-831-00   | CARBON 1K 5% 1/6W             |        |
| R215       | 1-247-901-00   | CARBON 820K 5% 1/6W           |        |
| R216       | 1-247-831-00   | CARBON 1K 5% 1/6W             |        |
| R217       | 1-247-819-00   | CARBON 330 5% 1/6W            |        |
| R219       | 1-247-835-00   | CARBON 1.5K 5% 1/6W           |        |
| R220       | 1-247-821-00   | CARBON 390 5% 1/6W            |        |
| R222       | 1-247-804-00   | CARBON 75 5% 1/6W             |        |
| R223       | 1-247-804-00   | CARBON 75 5% 1/6W             |        |
| R226       | 1-247-809-00   | CARBON 120 5% 1/6W            |        |
| R227       | 1-247-809-00   | CARBON 120 5% 1/6W            |        |
| R251       | 1-247-823-00   | CARBON 470 5% 1/6W            |        |
| R252       | 1-247-817-00   | CARBON 270 5% 1/6W            |        |
| R253       | 1-247-837-00   | CARBON 1.8K 5% 1/6W           |        |
| R254       | 1-247-843-00   | CARBON 3.3K 5% 1/6W           |        |
| R255       | 1-247-855-00   | CARBON 10K 5% 1/6W            |        |
| R256       | 1-247-831-00   | CARBON 1K 5% 1/6W             |        |
| R258       | 1-247-871-00   | CARBON 47K 5% 1/6W            |        |
| R259       | 1-247-799-00   | CARBON 47 5% 1/6W             |        |
| R260       | 1-247-855-00   | CARBON 10K 5% 1/6W            |        |
| R261       | 1-247-775-00   | CARBON 4.7 5% 1/6W            |        |
| R262       | 1-247-871-00   | CARBON 47K 5% 1/6W            |        |
| R263       | 1-247-847-00   | CARBON 4.7K 5% 1/6W           |        |
| R264       | 1-247-847-00   | CARBON 4.7K 5% 1/6W           |        |
| R265       | 1-247-819-00   | CARBON 330 5% 1/6W            |        |
| R266       | 1-247-871-00   | CARBON 47K 5% 1/6W            |        |
| R267       | 1-247-871-00   | CARBON 47K 5% 1/6W            |        |
| R268       | 1-247-855-00   | CARBON 10K 5% 1/6W            |        |
| R270       | 1-247-843-00   | CARBON 3.3K 5% 1/6W           |        |
| R271       | 1-247-843-00   | CARBON 3.3K 5% 1/6W           |        |
| R274       | 1-247-851-00   | CARBON 6.8K 5% 1/6W           |        |



C1 C2 D1

KV6000BE  
22

21

D1

D3

D2

D2

| Ref.No         | Part No            | Description                 | Remark   |
|----------------|--------------------|-----------------------------|----------|
| C531           | 1-123-356-00       | ELECT 10MF                  | 20% 16V  |
| C575           | 1-130-352-00       | MYLAR 1MF                   | 10% 250V |
| C576           | 1-123-318-00       | ELECT 33MF                  | 20% 16V  |
| C577           | 1-123-356-00       | ELECT 10MF                  | 20% 16V  |
| CONNECTOR      |                    |                             |          |
| D1             | Δ:1-508-916-00     | CONNECTOR PIN 2P            |          |
| D2             | Δ:1-508-916-00     | CONNECTOR PIN 2P            |          |
| D5             | Δ:1-560-224-00     | PLUG, CONNECTOR (2.5MM) 10P |          |
| DIODE          |                    |                             |          |
| D505           | 8-719-300-70       | DIODE RH-1C                 |          |
| D514           | Δ:8-719-900-93     | DIODE V09C                  |          |
| D551           | 8-729-101-31       | TRANSISTOR N13T1            |          |
| D552           | Δ:8-719-931-06     | DIODE EQ801-06              |          |
| COIL           |                    |                             |          |
| L504           | 1-407-165-XX       | MICRO INDUCTOR 47UH         |          |
| L552           | 1-459-160-00       | COIL, DUST CORE             |          |
| TRANSISTOR     |                    |                             |          |
| Q555           | 8-765-620-00       | TRANSISTOR 2SD1015          |          |
| RESISTOR       |                    |                             |          |
| R531           | 1-247-807-00       | CARBON 100 5%               | 1/6W     |
| R583           | 1-246-517-00       | CARBON 68K 5%               | 1/4W     |
| R584           | 1-247-831-00       | CARBON 1K 5%                | 1/6W     |
| R585           | 1-213-131-00       | METAL 100 5%                | 1W F     |
| R586           | 1-247-859-00       | CARBON 15K 5%               | 1/6W     |
| R587           | 1-247-871-00       | CARBON 47K 5%               | 1/6W     |
| *****          |                    |                             |          |
| Δ:1-607-941-00 | D3 BOARD           | *****                       |          |
| COIL           |                    |                             |          |
| L501           | 1-405-760-00       | COIL, OSC                   |          |
| *****          |                    |                             |          |
| Δ:A-1340-491-A | D2 BOARD, COMPLETE | *****                       |          |
| Δ:3-847-723-00 | PIN, LEAD          |                             |          |
| CAPACITOR      |                    |                             |          |
| C282           | 1-123-356-00       | ELECT 10MF                  | 20% 16V  |
| C283           | 1-123-380-00       | ELECT 1MF                   | 20% 50V  |
| C284           | 1-102-106-00       | CERAMIC 100PF               | 10% 50V  |
| C501           | 1-108-373-00       | MYLAR 0.0047MF              | 10% 100V |
| C502           | 1-123-381-00       | ELECT 2.2MF                 | 20% 50V  |
| C503           | 1-102-820-00       | CERAMIC 330PF               | 5% 50V   |
| C504           | 1-101-810-00       | CERAMIC 100PF               | 5% 500V  |

| Ref.No | Part No        | Description      | Remark   |
|--------|----------------|------------------|----------|
| C505   | 1-123-351-00   | ELECT 0.47MF     | 20% 50V  |
| C506   | 1-108-385-00   | MYLAR 0.047MF    | 10% 100V |
| C507   | 1-123-382-00   | ELECT 3.3MF      | 20% 50V  |
| C508   | 1-108-384-00   | MYLAR 0.039MF    | 10% 100V |
| C509   | 1-130-271-00   | FILM 0.033MF     | 5% 100V  |
| C510   | 1-130-349-00   | MYLAR 0.1MF      | 10% 100V |
| C511   | 1-123-503-00   | ELECT 47MF       | 20% 35V  |
| C512   | 1-108-365-00   | MYLAR 0.001MF    | 10% 100V |
| C513   | Δ:1-130-950-00 | FILM 0.0041MF    | 3% 600V  |
| C514   | Δ:1-130-950-00 | FILM 0.0041MF    | 3% 600V  |
| C515   | Δ:1-130-950-00 | FILM 0.0041MF    | 3% 600V  |
| C516   | Δ:1-130-950-00 | FILM 0.0041MF    | 3% 600V  |
| C517   | 1-123-341-00   | ELECT 10MF       | 20% 35V  |
| C520   | 1-108-389-00   | MYLAR 0.1MF      | 10% 100V |
| C522   | 1-102-030-00   | CERAMIC 330PF    | 10% 500V |
| C523   | 1-123-488-00   | ELECT 1000MF     | 20% 16V  |
| C524   | 1-123-356-00   | ELECT 10MF       | 20% 50V  |
| C525   | 1-123-381-00   | ELECT 2.2MF      | 20% 50V  |
| C526   | 1-123-381-00   | ELECT 2.2MF      | 20% 50V  |
| C527   | 1-123-484-00   | ELECT 100MF      | 20% 16V  |
| C528   | 1-102-038-00   | CERAMIC 0.001MF  | 500V     |
| C529   | 1-102-038-00   | CERAMIC 0.001MF  | 500V     |
| C551   | 1-108-383-00   | MYLAR 0.033MF    | 10% 100V |
| C552   | 1-108-385-00   | MYLAR 0.047MF    | 10% 100V |
| C553   | 1-123-379-00   | ELECT 0.47MF     | 20% 50V  |
| C554   | 1-131-498-00   | TANTALUM 1MF     | 10% 25V  |
| C555   | 1-123-356-00   | ELECT 10MF       | 20% 16V  |
| C556   | 1-131-373-00   | TANTALUM 22MF    | 10% 16V  |
| C557   | 1-131-373-00   | TANTALUM 22MF    | 10% 16V  |
| C558   | 1-123-486-00   | ELECT 330MF      | 20% 16V  |
| C559   | 1-123-483-00   | ELECT 47MF       | 20% 16V  |
| C560   | 1-108-385-00   | MYLAR 0.047MF    | 10% 100V |
| C561   | 1-123-478-51   | ELECT 1000MF     | 20% 10V  |
| C562   | 1-108-373-00   | MYLAR 0.0047MF   | 10% 100V |
| C563   | 1-123-484-00   | ELECT 100MF      | 20% 16V  |
| C564   | 1-123-379-00   | ELECT 0.47MF     | 20% 50V  |
| C565   | 1-102-114-00   | CERAMIC 470PF    | 10% 50V  |
| C566   | 1-102-233-00   | CERAMIC 33PF     | 10% 500V |
| C567   | 1-102-980-00   | CERAMIC 270PF    | 5% 50V   |
| C569   | 1-102-116-00   | CERAMIC 680PF    | 10% 50V  |
| C570   | 1-123-382-00   | ELECT 3.3MF      | 20% 50V  |
| C571   | 1-123-380-00   | ELECT 1MF        | 20% 50V  |
| C572   | 1-123-484-00   | ELECT 100MF      | 20% 16V  |
| C573   | 1-123-356-00   | ELECT 10MF       | 20% 16V  |
| C574   | 1-108-377-00   | MYLAR 0.01MF     | 10% 100V |
| C578   | 1-123-488-00   | ELECT 1000MF     | 20% 16V  |
| C579   | 1-130-351-00   | MYLAR 1MF        | 10% 100V |
| C580   | 1-123-483-00   | ELECT 47MF       | 20% 16V  |
| C581   | 1-102-038-00   | CERAMIC 0.001MF  | 500V     |
| C621   | 1-123-305-00   | ELECT 33MF       | 20% 10V  |
| C622   | 1-102-125-00   | CERAMIC 0.0047MF | 10% 50V  |
| C623   | 1-123-341-00   | ELECT 10MF       | 20% 35V  |
| C624   | 1-123-381-00   | ELECT 2.2MF      | 20% 50V  |

| Ref.No     | Part No        | Description                   | Remark  |
|------------|----------------|-------------------------------|---------|
| C625       | 1-123-379-00   | ELECT 0.47MF                  | 20% 50V |
| C626       | 1-102-125-00   | CERAMIC 0.0047MF              | 10% 50V |
| CONNECTOR  |                |                               |         |
| D3         | Δ:1-508-765-00 | 3P PLUG (M)                   |         |
| D4         | Δ:1-508-796-00 | PIN, CONNECTOR 2P             |         |
| D6         | Δ:1-560-129-00 | PLUG, CONNECTOR (2.5MM) 9P    |         |
| D7         | Δ:1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |         |
| D8         | Δ:1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P    |         |
| D9         | Δ:1-560-126-00 | PLUG, CONNECTOR (2.5MM PITCH) |         |
| DIODE      |                |                               |         |
| D501       | 8-719-911-19   | DIODE 1SS119                  |         |
| D502       | 8-719-911-19   | DIODE 1SS119                  |         |
| D503       | 8-719-911-19   | DIODE 1SS119                  |         |
| D504       | Δ:8-719-300-76 | DIODE RH1A                    |         |
| D506       | Δ:8-719-900-93 | DIODE V09C                    |         |
| D507       | Δ:8-719-900-93 | DIODE V09C                    |         |
| D508       | Δ:8-719-300-76 | DIODE RH1A                    |         |
| D509       | 8-719-900-93   | DIODE V09C                    |         |
| D510       | 8-719-900-93   | DIODE V09C                    |         |
| D511       | 8-719-911-19   | DIODE 1SS119                  |         |
| D512       | 8-719-911-19   | DIODE 1SS119                  |         |
| D513       | 8-719-900-93   | DIODE V09C                    |         |
| D553       | 8-719-900-93   | DIODE V09C                    |         |
| D621       | Δ:8-719-300-45 | DIODE EM1Z                    |         |
| D622       | 8-719-101-61   | DIODE RD6.2E-L2               |         |
| D623       | 8-729-101-31   | TRANSISTOR N13T1              |         |
| D624       | Δ:8-719-300-45 | DIODE EM1Z                    |         |
| D625       | 8-729-101-31   | TRANSISTOR N13T1              |         |
| D626       | 8-729-101-31   | TRANSISTOR N13T1              |         |
| D627       | Δ:8-719-101-89 | DIODE RD15E-L2                |         |
| IC         |                |                               |         |
| IC551      | Δ:8-759-110-31 | IC UPC1031H                   |         |
| COIL       |                |                               |         |
| L503       | 1-459-155-00   | COIL (WITH CORE) 45MH         |         |
| L505       | 1-407-493-00   | MICRO INDUCTOR 1.2MH          |         |
| L506       | 1-407-705-00   | MICRO INDUCTOR 100UH          |         |
| L551       | 1-408-160-00   | MICRO INDUCTOR 15MH           |         |
| TRANSISTOR |                |                               |         |
| Q283       | 8-729-178-54   | TRANSISTOR 2SC2785            |         |
| Q284       | 8-729-178-54   | TRANSISTOR 2SC2785            |         |
| Q285       | 8-729-117-54   | TRANSISTOR 2SA1175            |         |
| Q501       | 8-729-117-54   | TRANSISTOR 2SA1175            |         |
| Q502       | Δ:8-729-600-27 | TRANSISTOR 2SC634-SP          |         |
| Q503       | 8-729-133-53   | TRANSISTOR 2SC2335            |         |
| Q504       | 8-729-178-54   | TRANSISTOR 2SC2785            |         |
| Q551       | 8-729-178-54   | TRANSISTOR 2SC2785            |         |
| Q552       | 8-729-117-54   | TRANSISTOR 2SA1175            |         |
| Q553       | Δ:8-729-600-27 | TRANSISTOR 2SC634-SP          |         |

| Ref.No   | Part No        | Description          | Remark |
|----------|----------------|----------------------|--------|
| Q554     | Δ:8-729-600-27 | TRANSISTOR 2SC634-SP |        |
| Q621     | 8-729-178-54   | TRANSISTOR 2SC2785   |        |
| Q622     | 8-729-178-54   | TRANSISTOR 2SC2785   |        |
| Q623     | 8-729-178-54   | TRANSISTOR 2SC2785   |        |
| RESISTOR |                |                      |        |
| R286     | 1-247-867-00   | CARBON 33K 5%        | 1/6W   |
| R287     | 1-247-855-00   | CARBON 10K 5%        | 1/6W   |
| R288     | 1-247-841-00   | CARBON 2.7K 5%       | 1/6W   |
| R289     | 1-247-835-00   | CARBON 1.5K 5%       | 1/6W   |
| R290     | 1-247-839-00   | CARBON 2.2K 5%       | 1/6W   |
| R291     | 1-247-813-00   | CARBON 180 5%        | 1/6W   |
| R292     | 1-247-871-00   | CARBON 47K 5%        | 1/6W   |
| R293     | 1-247-891-00   | CARBON 330K 5%       | 1/6W   |
| R294     | 1-247-837-00   | CARBON 1.8K 5%       | 1/6W   |
| R501     | 1-247-829-00   | CARBON 820 5%        | 1/6W   |
| R502     | 1-246-491-00   | CARBON 5.6K 5%       | 1/4W   |
| R503     | 1-247-855-00   | CARBON 10K 5%        | 1/6W   |
| R504     | 1-247-851-00   | CARBON 6.8K 5%       | 1/6W   |
| R505     | 1-244-893-00   | CARBON 6.8K 5%       | 1/2W   |
| R506     | 1-247-852-00   | CARBON 7.5K 5%       | 1/6W   |
| R507     | 1-247-871-00   | CARBON 47K 5%        | 1/6W   |
| R508     | 1-247-829-00   | CARBON 820 5%        | 1/6W   |
| R509     | 1-247-835-00   | CARBON 1.5K 5%       | 1/6W   |
| R510     | 1-247-867-00   | CARBON 33K 5%        | 1/6W   |
| R511     | 1-247-793-00   | CARBON 27 5%         | 1/6W   |
| R512     | 1-247-783-00   | CARBON 10 5%         | 1/6W   |
| R513     | 1-247-825-00   | CARBON 560 5%        | 1/6W   |
| R514     | 1-247-833-00   | CARBON 1.2K 5%       | 1/6W   |
| R515     | 1-206-660-00   | METAL 680 5%         | 2W F   |
| R516     | 1-247-839-00   | CARBON 2.2K 5%       | 1/6W   |
| R517     | 1-247-857-00   | CARBON 12K 5%        | 1/6W   |
| R518     | 1-212-861-11   | FUSIBLE 15 5%        | 1/4W F |
| R519     | 1-212-859-00   | FUSIBLE 12 5%        | 1/4W F |
| R520     | 1-247-881-00   | CARBON 120K 5%       | 1/6W   |
| R521     | 1-247-866-00   | CARBON 30K 5%        | 1/6W   |
| R522     | 1-246-442-00   | CARBON 51 5%         | 1/4W   |
| R523     | 1-246-433-00   | CARBON 22 5%         | 1/4W   |
| R524     | 1-246-425-00   | CARBON 10 5%         | 1/4W   |
| R525     | 1-246-449-00   | CARBON 100 5%        | 1/4W   |
| R526     | 1-246-442-00   | CARBON 51 5%         | 1/4W   |
| R527     | 1-246-434-00   | CARBON 24 5%         | 1/4W   |
| R528     | 1-247-871-00   | CARBON 47K 5%        | 1/6W   |
| R529     | 1-247-871-00   | CARBON 47K 5%        | 1/6W   |
| R530     | 1-247-855-00   | CARBON 10K 5%        | 1/6W   |
| R549     | 1-206-660-00   | METAL 680 5%         | 2W F   |
| R551     | 1-247-853-00   | CARBON 8.2K 5%       | 1/6W   |
| R552     | 1-247-845-00   | CARBON 3.9K 5%       | 1/6W   |
| R553     | 1-247-841-00   | CARBON 2.7K 5%       | 1/6W   |
| R554     | 1-247-859-00   | CARBON 15K 5%        | 1/6W   |
| R556     | 1-247-895-00   | CARBON 470K 5%       | 1/6W   |
| R557     | 1-247-821-00   | CARBON 390 5%        | 1/6W   |
| R558     | 1-212-366-00   | METAL 3.3 5%         | 1W F   |

**D2 J1 J2 EJ EJ X1 X2 X3**

| Ref.No                   | Part No      | Description                    |      |    |      | Remark |
|--------------------------|--------------|--------------------------------|------|----|------|--------|
| R559                     | 1-211-427-00 | CARBON                         | 100  | 5% | 1/8W | F      |
| R560                     | 1-247-841-00 | CARBON                         | 2.7K | 5% | 1/6W |        |
| R561                     | 1-247-849-00 | CARBON                         | 5.6K | 5% | 1/6W |        |
| R562                     | 1-247-849-00 | CARBON                         | 5.6K | 5% | 1/6W |        |
| R563                     | 1-247-855-00 | CARBON                         | 10K  | 5% | 1/6W |        |
| R564                     | 1-247-855-00 | CARBON                         | 10K  | 5% | 1/6W |        |
| R565                     | 1-247-839-00 | CARBON                         | 2.2K | 5% | 1/6W |        |
| R566                     | 1-247-873-00 | CARBON                         | 56K  | 5% | 1/6W |        |
| R567                     | 1-247-845-00 | CARBON                         | 3.9K | 5% | 1/6W |        |
| R568                     | 1-247-845-00 | CARBON                         | 3.9K | 5% | 1/6W |        |
| R569                     | 1-247-845-00 | CARBON                         | 3.9K | 5% | 1/6W |        |
| R570                     | 1-247-841-00 | CARBON                         | 2.7K | 5% | 1/6W |        |
| R571                     | 1-247-859-00 | CARBON                         | 15K  | 5% | 1/6W |        |
| R572                     | 1-247-835-00 | CARBON                         | 1.5K | 5% | 1/6W |        |
| R573                     | 1-247-804-00 | CARBON                         | 75   | 5% | 1/6W |        |
| R574                     | 1-247-847-00 | CARBON                         | 4.7K | 5% | 1/6W |        |
| R575                     | 1-247-877-00 | CARBON                         | 82K  | 5% | 1/6W |        |
| R576                     | 1-247-849-00 | CARBON                         | 5.6K | 5% | 1/6W |        |
| R577                     | 1-247-841-00 | CARBON                         | 2.7K | 5% | 1/6W |        |
| R578                     | 1-247-783-00 | CARBON                         | 10   | 5% | 1/6W |        |
| R579                     | 1-247-845-00 | CARBON                         | 3.9K | 5% | 1/6W |        |
| R580                     | 1-247-838-00 | CARBON                         | 2K   | 5% | 1/6W |        |
| R581                     | 1-247-849-00 | CARBON                         | 5.6K | 5% | 1/6W |        |
| R582                     | 1-247-841-00 | CARBON                         | 2.7K | 5% | 1/6W |        |
| R588                     | 1-213-135-00 | METAL                          | 220  | 5% | 1W   | F      |
| R620                     | 1-213-145-00 | METAL                          | 1.5K | 5% | 1W   | F      |
| R621                     | 1-247-863-00 | CARBON                         | 22K  | 5% | 1/6W |        |
| R622                     | 1-247-867-00 | CARBON                         | 33K  | 5% | 1/6W |        |
| R623                     | 1-247-867-00 | CARBON                         | 33K  | 5% | 1/6W |        |
| R624                     | 1-247-877-00 | CARBON                         | 82K  | 5% | 1/6W |        |
| R625                     | 1-247-881-00 | CARBON                         | 120K | 5% | 1/6W |        |
| R626                     | 1-247-879-00 | CARBON                         | 100K | 5% | 1/6W |        |
| R627                     | 1-247-831-00 | CARBON                         | 1K   | 5% | 1/6W |        |
| R628                     | 1-247-847-00 | CARBON                         | 4.7K | 5% | 1/6W |        |
| R629                     | 1-247-867-00 | CARBON                         | 33K  | 5% | 1/6W |        |
| R630                     | 1-247-867-00 | CARBON                         | 33K  | 5% | 1/6W |        |
| R631                     | 1-247-867-00 | CARBON                         | 33K  | 5% | 1/6W |        |
| R632                     | 1-247-855-00 | CARBON                         | 10K  | 5% | 1/6W |        |
| R633                     | 1-247-879-00 | CARBON                         | 100K | 5% | 1/6W |        |
| R634                     | 1-247-859-00 | CARBON                         | 15K  | 5% | 1/6W |        |
| R635                     | 1-214-171-00 | METAL                          | 43K  | 1% | 1/4W |        |
| R636                     | 1-214-170-00 | METAL                          | 39K  | 1% | 1/4W |        |
| <b>VARIABLE RESISTOR</b> |              |                                |      |    |      |        |
| RV551                    | 1-226-851-00 | RES, ADJ, CARBON               | 10K  |    |      |        |
| RV552                    | 1-226-847-00 | RES, ADJ, CARBON               | 1K   |    |      |        |
| RV554                    | 1-226-852-00 | RES, ADJ, CARBON               | 22K  |    |      |        |
| RV555                    | 1-226-851-00 | RES, ADJ, CARBON               | 10K  |    |      |        |
| RV621                    | 1-226-853-00 | RES, ADJ, CARBON               | 47K  |    |      |        |
| <b>TRANSFORMER</b>       |              |                                |      |    |      |        |
| T501                     | 1-437-082-00 | HDT                            |      |    |      |        |
| T551                     | 1-421-552-00 | TRANSFORMER, STRAIN CORRECTION |      |    |      |        |

| Ref.No              | Part No                  | Description     | Remark       |
|---------------------|--------------------------|-----------------|--------------|
| ♣:1-607-943-00      | J1 BOARD                 | *****           |              |
|                     | 1-519-262-21             | LAMP, NEON      |              |
| ♣:3-847-723-00      | PIN, LEAD                |                 |              |
| ♣:4-361-446-00      | HOLDER, LED              |                 |              |
|                     | <u>DIODE</u>             |                 |              |
| D151                | 8-719-812-41             | DIODE TLR124    |              |
| D152 =>8-719-812-43 | DIODE                    | TLG124          |              |
|                     | <u>RESISTOR</u>          |                 |              |
| R190                | 1-214-598-00             | METAL           | 56K 5% 1W F  |
|                     | <u>VARIABLE RESISTOR</u> |                 |              |
| RV251               | 1-228-350-00             | RES, VAR, SLIDE | 20K          |
|                     | <u>SWITCH</u>            |                 |              |
| S131                | 1-553-640-13             | SWITCH, PUSH    |              |
| S132                | 1-553-640-13             | SWITCH, PUSH    |              |
| *****               |                          |                 |              |
| ♣:1-607-933-00      | J2 BOARD                 | *****           |              |
| ♣:3-847-723-00      | PIN, LEAD                |                 |              |
|                     | <u>DIODE</u>             |                 |              |
| D195                | 8-719-911-19             | DIODE ISS119    |              |
| D196                | 8-719-812-41             | DIODE TLR124    |              |
| D197                | 8-719-812-42             | DIODE TL Y124   |              |
| D198 =>8-719-812-43 | DIODE                    | TLG124          |              |
| D199                | 8-719-911-19             | DIODE ISS119    |              |
|                     | <u>RESISTOR</u>          |                 |              |
| R196                | 1-247-863-00             | CARBON          | 22K 5% 1/6W  |
| R197                | 1-247-863-00             | CARBON          | 22K 5% 1/6W  |
| R198                | 1-247-839-00             | CARBON          | 2.2K 5% 1/6W |
| R199                | 1-247-831-00             | CARBON          | 1K 5% 1/6W   |
|                     | <u>SWITCH</u>            |                 |              |
| S195                | 1-553-371-00             | SWITCH, SLIDE   |              |
| S196                | 1-553-075-00             | SWITCH, PUSH    |              |
| S197                | 1-553-075-00             | SWITCH, PUSH    |              |
| S198                | 1-553-075-00             | SWITCH, PUSH    |              |
| *****               |                          |                 |              |
| ♣:1-607-932-00      | EJ BOARD                 | *****           |              |
|                     | <u>JACK</u>              |                 |              |
| J254                | 1-507-569-00             | JACK, EARPHONE  |              |

| Ref.No               | Part No        | Description                  |           |     | Remark |
|----------------------|----------------|------------------------------|-----------|-----|--------|
| R269                 | 1-247-811-00   | CARBON                       | 150       | 5%  | 1/6W   |
| *****                |                |                              |           |     |        |
|                      | ♣:1-607-937-00 | X1 BOARD                     |           |     |        |
|                      |                | *****                        |           |     |        |
| S601                 | 1-554-253-00   | SWITCH, PUSH (POWER SWITCH)  |           |     |        |
| *****                |                |                              |           |     |        |
|                      | ♣:1-607-931-00 | X2 BOARD                     |           |     |        |
|                      |                | *****                        |           |     |        |
| <u>CAPACITOR</u>     |                |                              |           |     |        |
| C613                 | 1-102-125-00   | CERAMIC                      | 0.0047MF  | 10% | 50V    |
| <u>JACK</u>          |                |                              |           |     |        |
| J601                 | 1-507-563-21   | JACK, DC                     |           |     |        |
| *****                |                |                              |           |     |        |
|                      | ♣:1-608-278-00 | X3 BOARD                     |           |     |        |
|                      |                | *****                        |           |     |        |
|                      | ♣:1-533-146-00 | HOLDER, FUSE                 |           |     |        |
|                      | ♣:3-701-948-17 | LABEL, FUSE                  |           |     |        |
| <u>FUSE</u>          |                |                              |           |     |        |
| F601                 | ♣:1-532-203-00 | FUSE, TIME-LAG               | 2A        |     | 250V   |
| F603                 | ♣:1-532-203-00 | FUSE, TIME-LAG               | 2A        |     | 250V   |
| <u>CONNECTOR</u>     |                |                              |           |     |        |
| X1                   | ♣:1-560-460-00 | PIN, CONNECTOR 4P            |           |     |        |
| X2                   | ♣:1-560-278-00 | PLUG, CONNECTOR 6P           |           |     |        |
| X3                   | ♣:1-560-462-00 | PIN, CONNECTOR 6P            |           |     |        |
| *****                |                |                              |           |     |        |
| <u>MISCELLANEOUS</u> |                |                              |           |     |        |
| *****                |                |                              |           |     |        |
|                      | ♣:1-228-776-00 | RESISTOR ASSY, HIGH-VOLTAGE  |           |     |        |
| T502                 | ♣:1-439-299-00 | TRANSFORMER ASSY, FLYBACK    |           |     |        |
|                      | ♣:1-451-177-21 | DEFLECTION YOKE (SY-59E)     |           |     |        |
|                      | 1-452-126-11   | MAGNET                       |           |     |        |
|                      | 1-452-192-00   | MAGNET, CORRECT BMC          |           |     |        |
|                      | 1-452-032-00   | MAGNET, DISK                 |           |     |        |
|                      | 1-452-094-00   | MAGNET, ROTATABLE DISK;15MMφ |           |     |        |
|                      | 1-501-268-00   | ANTENNA, TELESCOPIC          |           |     |        |
|                      | ♣:1-555-706-00 | CONNECTOR ASSY (2.5MM) 10P   | (UK ONLY) |     |        |
|                      | ♣:1-555-909-00 | CONNECTOR ASSY (2.0MM) 10P   |           |     |        |
|                      | ♣:1-555-914-00 | CONNECTOR ASSY (2.0MM) 6P    |           |     |        |
|                      | ♣:1-555-916-00 | CONNECTOR ASSY (2.0MM) 5P    |           |     |        |
|                      | ♣:1-555-920-00 | CONNECTOR ASSY (2.0MM) 4P    |           |     |        |
|                      | ♣:1-555-961-00 | CONNECTOR ASSY (2.5MM) 2P    |           |     |        |

| Ref.No                            | Part No  | Description            | Remark |
|-----------------------------------|--|------------------------|--------|
|                                   | ♣:1-556-323-00                                 | CONNECTOR ASSY (2.5MM) | 6P     |
|                                   | ♣:1-556-323-00                                 | CONNECTOR ASSY (2.5MM) | 6P     |
|                                   | ♣:1-556-331-00                                 | CONNECTOR ASSY (2.5MM) | 3P     |
|                                   | ♣:1-556-564-00                                 | CABLE (PAL SOCKET-PIN) |        |
|                                   | 1-556-565-00                                   | CABLE (PAL.PIN)        |        |
| L902                              | 1-426-023-21                                   | COIL, DEGAUSS          |        |
| L903                              | 1-426-023-21                                   | COIL, DEGAUSS          |        |
| SP901                             | 1-502-703-00                                   | SPEAKER                |        |
| Y901                              | A-8-736-201-05                                 | CRT (150ARB22)         |        |
| *****                             |  |                        |        |
| ACCESSORIES AND PACKING MATERIALS |  |                        |        |
| *****                             |  |                        |        |
| Part. No                          | Description                                    | Remark                 |        |
| A-1009-120-A                      | ADAPTOR (MAIN) COMPLETE ASSY, AC<br>(UK ONLY)  |                        |        |
| A-1009-121-A                      | ADAPTOR (MAIN) COMPLETE ASSY, AC<br>(AEP ONLY) |                        |        |
| 1-504-059-11                      | MAGNETIC EARPHONE(ME-20H)                      |                        |        |
| 4-309-407-04                      | BAG, POLYETHYLENE                              |                        |        |
| 4-361-462-00                      | CUSHION (UPPER) (ASSY)                         |                        |        |
| 4-361-463-00                      | CUSHION (LOWER) (ASSY)                         |                        |        |
| 4-362-507-00                      | INDIVIDUAL CARTON (UK ONLY)                    |                        |        |
| 4-362-509-00                      | INDIVIDUAL CARTON (AEP ONLY)                   |                        |        |
| 4-493-745-11                      | MANUAL, INSTRUCTION                            |                        |        |
| 4-493-745-41                      | MANUAL, INSTRUCTION (AEP ONLY)                 |                        |        |
| 4-493-745-51                      | MANUAL, INSTRUCTION (AEP ONLY)                 |                        |        |



*AEP Model*

*Serial No. 804101 and later*

*UK Model*

*Serial No. 804001 and later*

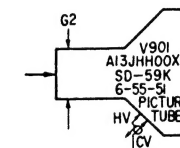
*April, 1984*

## SUPPLEMENT-1

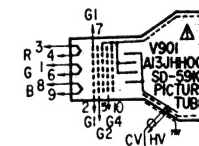
Subject: change of CRT

This supplement updates the service manual to include production change.  
File this supplement with the service manual.

### 3-2. BLOCK DIAGRAM



### 3-3. SCHEMATIC DIAGRAM

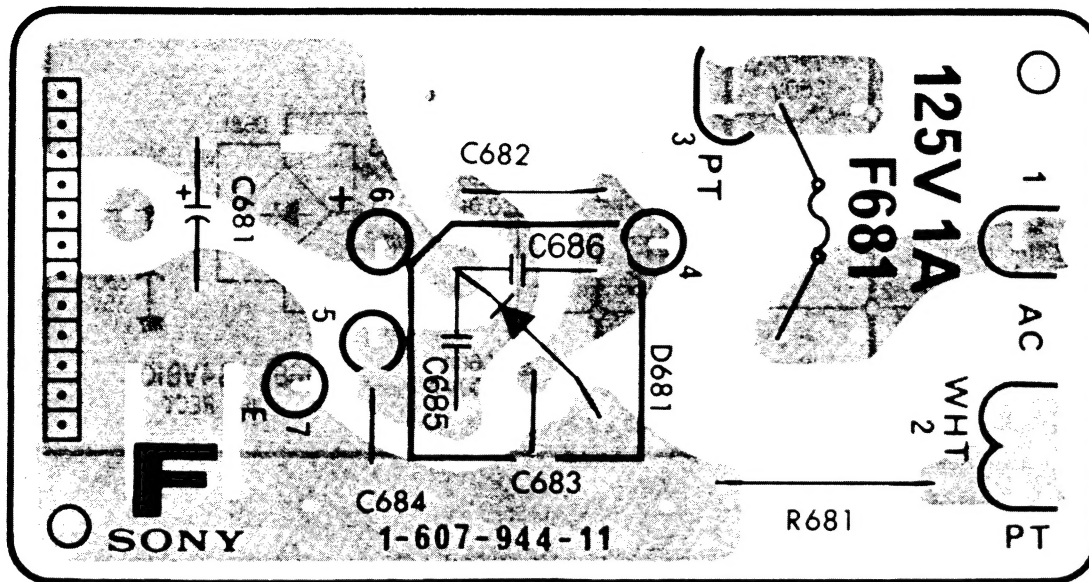


### 3. BEZEL

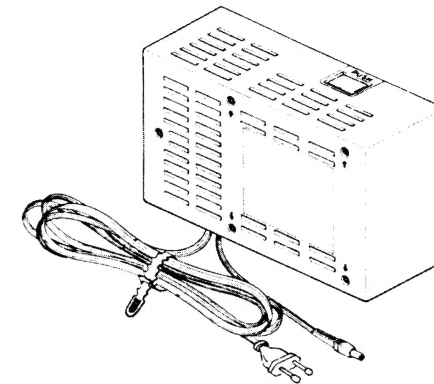
| Ref. No. | Part No.       | Description      |
|----------|----------------|------------------|
| 115      | ▲ 8-735-102-05 | A13JHH00X SD-59K |

### ELECTRICAL PARTS LIST

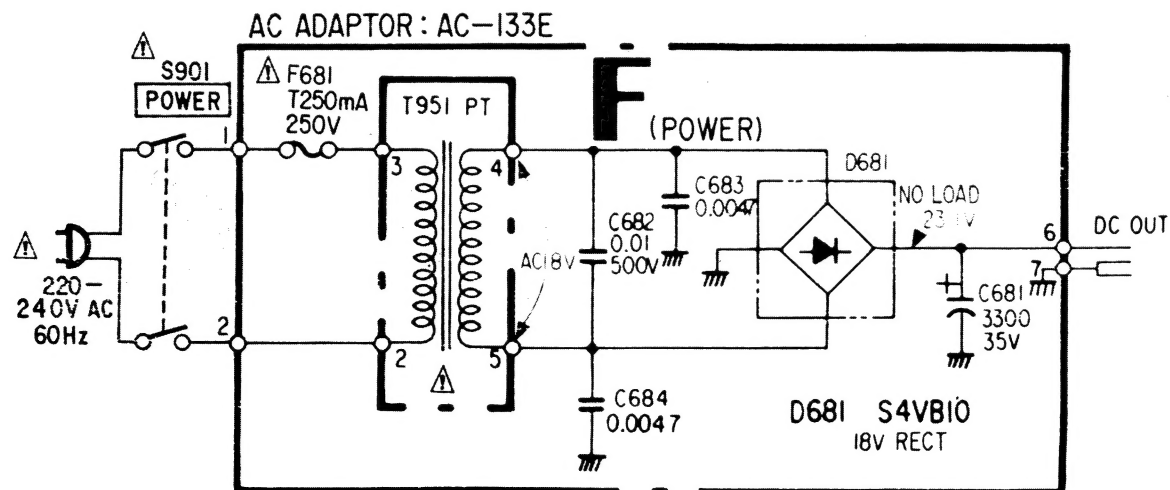
| Ref. No. | Part No.       | Description      |
|----------|----------------|------------------|
| V901     | ▲ 8-735-102-05 | A13JHH00X SD-59K |



October, 1982



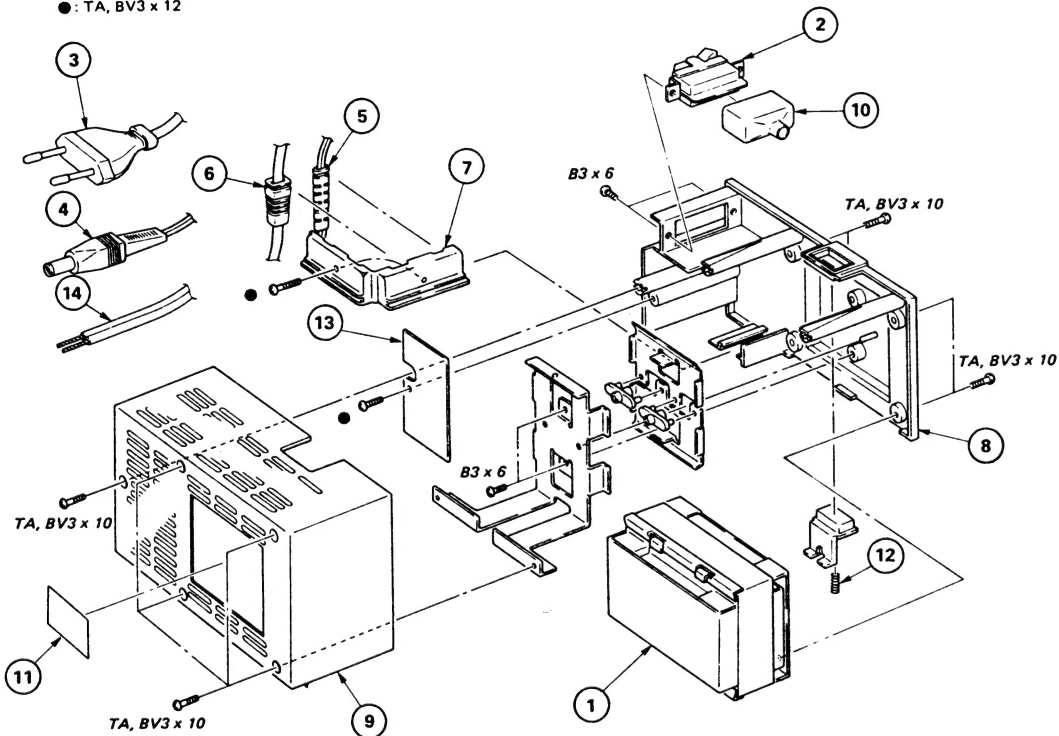
## SPECIFICATIONS



**NOTE:**

- Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

●: TA, BV3 x 12



| No | Part No        | Description                | Remark | No. | Part No        | Description               | Remark |
|----|----------------|----------------------------|--------|-----|----------------|---------------------------|--------|
| 1  | Δ 1-447-450-00 | TRANSFORMER, POWER         |        | 8   | 2-370-326-01   | CASE (A), ADAPTOR, AC     |        |
| 2  | Δ 1-516-379-00 | SEESAW SWITCH              |        | 9   | 2-370-327-21   | CASE (B), ADAPTOR, AC     |        |
| 3  | Δ 1-555-307-21 | CORD, WITH PLUG (AEP ONLY) |        | 10  | Δ 4-025-191-00 | COVER, INSULATING, SWITCH |        |
| 4  | 1-534-777-22   | CORD, POWER SUPPLY         |        | 11  | Δ 4-362-501-00 | LABEL, MODEL NUMBER       |        |
| 5  | 2-098-510-01   | BUSHING, CODE              |        | 12  | 4-812-546-01   | SPRING COMPRESSION, (B)   |        |
| 6  | Δ 2-098-513-00 | BUSHING (AEP ONLY)         |        | 13  | Δ 1-607-944-00 | F BOARD                   |        |
|    | Δ 2-245-515-01 | BUSHING (UK ONLY)          |        | 14  | Δ 1-534-817-XX | POWER CORD (UK ONLY)      |        |
| 7  | 2-245-503-00   | CLAMPER, CABLE (AEP ONLY)  |        |     |                |                           |        |
|    | 2-245-517-01   | CLAMPER, CABLE (UK ONLY)   |        |     |                |                           |        |

**NOTE:**

- Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- RESISTORS
- All resistors are in ohms
  - F : nonflammable

- COILS  
• MMH : mH, UH :  $\mu$ H

| Ref.No                            | Part No            | Description               | Remark |
|-----------------------------------|--------------------|---------------------------|--------|
| ▲:1-607-944-00                    | F BOARD            |                           |        |
| *****                             |                    |                           |        |
| ▲:3-701-948-08                    | LABEL, FUSE        |                           |        |
| ▲:3-847-723-00                    | PIN, LEAD          |                           |        |
| CAPACITOR                         |                    |                           |        |
| C681                              | 1-123-736-00       | ELECT 3300MF 20% 35V      |        |
| C682                              | 1-102-050-00       | CERAMIC 0.01MF 500V       |        |
| C683                              | 1-102-125-00       | CERAMIC 0.0047MF 10% 50V  |        |
| C684                              | 1-102-125-00       | CERAMIC 0.0047MF 10% 50V  |        |
| DIODE                             |                    |                           |        |
| D681                              | =>8-719-504-40     | DIODE 54VB40              |        |
| FUSE                              |                    |                           |        |
| F681                              | ▲.1-532-614-00     | FUSE, TIME-LAG 250mA 250V |        |
| *****                             |                    |                           |        |
| MISCELLANEOUS                     |                    |                           |        |
| *****                             |                    |                           |        |
| T951                              | ▲.1-447-450-00     | TRANSFORMER, POWER        |        |
| S901                              | ▲.1-516-379-00     | SEESAW SWITCH             |        |
| ▲.1-534-817-XX                    | POWER CORD         | (UK ONLY)                 |        |
| 1-534-777-22                      | CORD, POWER SUPPLY |                           |        |
| ▲.1-555-307-21                    | CORD, WITH PLUG    | (AEP ONLY)                |        |
| *****                             |                    |                           |        |
| ACCESSORIES AND PACKING MATERIALS |                    |                           |        |
| *****                             |                    |                           |        |
| Part.No                           | Description        | Remark                    |        |
| 3-546-434-00                      | BAG, POLYETHYLEN   |                           |        |